

UROSKOP D

SP

Unit/Generator Service

Service Note

Replacement of the Host Board D1

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Register 1

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English

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Chapter	Page	Rev.

Replacement of the board, Part No. 11 11 256 by the board, Part No. 16 61 060.

1.) Save current parameter set:

- Switch system on.
- Let service program run up, access word **"SIEMENS"**.
- Load unit parameters from the unit. **"Unit parameters"** - **"load from unit"**.
- Save unit parameters, **"Unit parameters"** - **"write to file"**. Note number of the parameter set (UROXXXXX.PXX).
- Save error memory with "Unit errors" "output" - "write to file".
- Terminate service program.

CAUTION

You must observe the ESD regulations in the work described below!

2.) Preparing the new host board for replacement:

- Solder the jumper X26 - X27 on the new host board D1, Part No. 16 61 060.
- Remove the ICs J43 and J64 (these components are taken over from the old board).
- Remove the old host board D1, Part No. 11 11 256 from the control rack M20 and place it on a surface complying with the ESD regulations.
- Remove the ICs J43, J64 (PALs) and J66, J67 (Boot SW) from the old board and plug them onto the new board.
- Insert the new board, Part No. 16 61 060, in the control rack M20.

3.) Download of the host software (UROS.HEX):

- Switch the system back on,
Error messages on the host board are not heeded at this time.
- Let the service program run up again, access word "SIEMENS".
The following message appears:

```

SERVICE VA00B                                     ONLINE      BUSY
-----
Unit:      |           Service Program for RD-Products           | 08.12.95
           |           Copyright (c) Siemens UBmed, Erlangen, 1990   | 08:21:49
-----

          +-----Init Download-----+
          |   There is no software in the host               |
          |                                                    |
          |   May I download the software (Y/N)?             |
          |                                                    |
          +-----ESC-----+
-----
1 Help  2      3      4      5      6      7      8      9     10

```

- Answer this question with "Y",
this initiates the download of the host software.
- This process can last up to around 10 minutes.

4.) Write unit parameters back into unit:

After the download is completed, the question whether the unit parameters should be written back into the unit appears.

- Answer the question with "Y".
- The parameter set with the number noted under item 1 must now be loaded into the unit.
In this way all adjustments and parameterizations are taken over in the unit again correctly.

5.) Set date and time:

The question whether the date and time should be set appears automatically in the service program.

- Answer this question with "Y".
- Check the shown date and time and type it correctly if necessary.
- Terminate with "Enter".

6.) Download of the Memoskop software (only Uroskop D1/D2)

- In Uroskop D1/PL SU systems download the software for the Memoskop 2K (BILD.HEX),
- in all other Uroskop D1/D2 systems the software for the Memoskop 50 (BILD.HEX and HARD.HEX).

7.) Delete error memory:

- Call up the longtime error memory in the service program.
"Unit Errors" - "Longtime Errors".
- Delete the error memory with "delete" and confirming **two times** with "Y".

8.) Checking the system:

- Terminate the service program.
- Switch the system off and back on again.
- The four-digit error display on the host board D1 must now show "0000".
- Check the functions of the entire system.

9.) Correct the compatibility list in the Uroskop wiring diagram:

- In the wiring diagram
Uroskop D1, G5353
or
Uroskop D2, G5354
or
Uroskop D3, G5403
on page 100 under M20 D1 enter the new part number 16 61 060.
Remove the Pal list on page 105.

TD SP 2 / Fleischter
TD SP 1 / Schlee
AUT 98 / Dr. Mc Minn